



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 4431

SERIAL NUMBER 10/082,459	FILING DATE 02/25/2002 RULE	CLASS 166	GROUP ART UNIT 3672	ATTORNEY DOCKET NO. HES 2000-IP-001848
-----------------------------	---------------------------------------	--------------	------------------------	---

APPLICANTS

Ronald E. Sweatman, Montgomery, TX;

Richard F. Vargo JR., Katy, TX;
David S. Kulakofsky, Katy, TX; Alvaro Escorcia, Sugarland, TX;
Krishna M. Ravi, Kingwood, TX;

** CONTINUING DATA *****

None

** FOREIGN APPLICATIONS *****

None

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 03/21/2002

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY TX	SHEETS DRAWING 0	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 2
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	Verified and Acknowledged Examiner's Signature	Initials		

ADDRESS

C. Clark Dougherty, Jr.
Two Leadership Square
10th Floor
211 N. Robinson
Oklahoma City, OK
73102

TITLE

Methods of discovering and correcting subterranean formation integrity problems during drilling

FILING FEE RECEIVED 1262	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---